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OIPE

RAW SEQUENCE LISTING DATE: 08/13/2001
PATENT APPLICATION: **US/09/892,071** TIME: 11:41:00

Input Set : **N:\Crf3\RULE60\09892071.txt**
Output Set: **N:\CRF3\08132001\I892071.raw**

ENTERED

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   4 <110> APPLICANT: Pierschbacher, Michael D.
   5       Ruoslahti, Erkki I.
   7 <120> TITLE OF INVENTION: Conformationally Stabilized Cell
   8       Adhesion Peptides
  10 <130> FILE REFERENCE: P-LA 3697
  12 <140> CURRENT APPLICATION NUMBER: US 09/892,071
  13 <141> CURRENT FILING DATE: 2001-06-26
  15 <150> PRIOR APPLICATION NUMBER: US 09/366,991
  16 <151> PRIOR FILING DATE: 1999-08-04
  18 <150> PRIOR APPLICATION NUMBER: US 08/124,992
  19 <151> PRIOR FILING DATE: 1993-09-21
  21 <150> PRIOR APPLICATION NUMBER: US 08/048,576
  22 <151> PRIOR FILING DATE: 1993-04-15
  24 <150> PRIOR APPLICATION NUMBER: US 07/803,797
  25 <151> PRIOR FILING DATE: 1991-12-06
  27 <160> NUMBER OF SEQ ID NOS: 15
  29 <170> SOFTWARE: PatentIn for Windows Version 4.0
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  34 <213> ORGANISM: Artificial Sequence
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  44 <222> LOCATION: (1)...(9)
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  62 <221> NAME/KEY: DISULFID
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W--> 66 Gly Xaa Gly Glu Arg Gly Asp Lys Arg Cys Ala
  67  1               5                  10
  69 <210> SEQ ID NO: 3
  70 <211> LENGTH: 8
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Input Set : N:\Crf3\RULE60\09892071.txt
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74 <223> OTHER INFORMATION: sythetic peptide
75 <221> NAME/KEY: BINDING
76 <222> LOCATION: (1 ...7)
77 <223> OTHER INFORMATION: cyclerized by peptide bond
78 <400> SEQUENCE: 3
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80 1 5
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108 1 5
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111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial Sequence
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114 <223> OTHER INFORMATION: sythetic peptide
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117 1 5
118 <210> SEQ ID NO: 7
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123 <223> OTHER INFORMATION: sythetic peptide
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125 Phe Arg Gly Asp Ser Phe
126 1 5

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Input Set : N:\Crf3\RULE60\09892071.txt
Output Set: N:\CRF3\08132001\I892071.raw

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151 1 5 10
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161 <221> NAME/KEY: MOD_RES
162 <222> LOCATION: 1,5, 8,11,23,26,29,32
163 <223> OTHER INFORMATION: Xaa=hydroxyproline(Hyp)
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169 20 25 30
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184 (SuccAla)
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187 <222> LOCATION: 5,13,16
188 <223> OTHER INFORMATION: Aib
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192 1 5 10 15
193 Ala Lys
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197 <211> LENGTH: 9
198 <212> TYPE: PRT
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201 <220> FEATURE:

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Input Set : N:\Crf3\RULE60\09892071.txt
Output Set: N:\CRF3\08132001\I892071.raw

<223> OTHER INFORMATION: sythetic peptide
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<221> NAME KEY: MOD_RES
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<223> OTHER INFORMATION: Xaa=Arg(4-toluenesulphonyl; Tos)
<221> NAME KEY: MOD_RES
<222> LOCATION: 4
<223> OTHER INFORMATION: Xaa=Asp (O-benzyl ester;OBzl)

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Input Set : N:\Crf3\RULE60\09892071.txt
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     269 <222> LOCATION: 5
     270 <223> OTHER INFORMATION: Xaa=Ser(benzyl; Bzl)
     272 <221> NAME/KEY: MOD_RES
     273 <222> LOCATION: 7
     274 <223> OTHER INFORMATION: Xaa=Asp(t-butyl ester;OtBu)
     276 <221> NAME/KEY: BINDING
     277 <222> LOCATION: (8)...(8)
     278 <223> OTHER INFORMATION: phenylacetamidomethly(PAM)
     280 <400> SEQUENCE: 14
W--> 281 Gly Xaa Gly Xaa Xaa Pro Xaa Gly
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     285 <211> LENGTH: 8
     286 <212> TYPE: PRT
     287 <213> ORGANISM: Artificial Sequence
     288 <220> FEATURE:
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     294 <223> OTHER INFORMATION: Hydrogen
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     297 <222> LOCATION: 1
     299 <223> OTHER INFORMATION: Xaa=Arg (4-toluenesulphonyl; Tos)
     301 <221> NAME/KEY: MOD_RES
     302 <222> LOCATION: 4
     304 <223> OTHER INFORMATION: Xaa=Asp(Benzyl ester;OBzl)
     306 <221> NAME/KEY: MOD_RES
     307 <222> LOCATION: 5
     309 <223> OTHER INFORMATION: Xaa=Ser (benzyl;Bzl)
     311 <221> NAME/KEY: MOD_RES
     312 <222> LOCATION: 7
     314 <223> OTHER INFORMATION: Xaa=Asp (hydroxide; OH)
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     319 <223> OTHER INFORMATION: Phenylacetamidomethyl; (PAM)
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W--> 322 Gly Xaa Gly Xaa Xaa Pro Xaa Gly
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VERIFICATION SUMMARY DATE: 08/13/2001
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Input Set : N:\Crf3\RULE60\09892071.txt
Output Set: N:\CRF3\08132001\I892071.raw

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L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
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L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
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L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15